



Engineering Services Department
City of Frisco, Texas

Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

Cc: George Purefoy, City Manager
Paul Knippel, P.E., Director of Engineering
Elizabeth Metting, P.E., Assistant Director / City Engineer
Jason Brodigan, P.E., Senior Civil Engineer

From: Art Hartle, P.E., Senior Civil Engineer

Date: March 25, 2010

Agenda Caption: Consider and act upon authorization for the City Manager to execute Change Order Number 1 to the Standard Form of Agreement for construction services by and between the City of Frisco and UtiliTex Construction, LLP for the SH 121 Sanitary Sewer (Custer Rd to Independence Parkway) (CIP #08-0009)

Action Requested: City Council consideration and approval to authorize the City Manager to execute Change Order Number 1 to the Standard Form of Agreement for Construction Services by and between the City of Frisco and UtiliTex Construction, LLP in the amount of \$18,314.10 for additional services relating to the construction of SH 121 Sanitary Sewer.

Background Information: On February 2, 2010, the City Council approved the award of bid to McMahon Contracting, LP in the amount of \$729,886.00 for the construction of the project. The project consists of the removal and replacement of 405 feet of 27" sanitary sewer pipe with 36" sanitary sewer pipe and construction of 4,913 lineal feet of 21" sanitary sewer pipe from a NTMWD manhole near Custer Road to just west of Independence Parkway.

A notice to proceed with construction of this project was issued for March 1, 2010 with a contract completion date of June 27, 2010.

Change Order Number 1 is for two changes to the project. During review of the proposed pipe material submittals, the engineer recommended that the pipe stiffness be increased for added strength due to depth of the pipeline. Change Order Number 1 will increase the pipe stiffness of 405 lineal feet of the 36" PVC pipe for a cost of \$11,550.60.

The second item of the change order involves additional protection of the sewer pipe at a stream crossing. Fifty feet of the pipe is to be concrete encased. Additional concrete will be placed over the installed pipe up to the bottom of the creek bed to prevent erosion around the sewer pipe. Cost of the concrete protection is \$6,763.50.

The additional contract time granted by this Change Order Number 1 is four days and the total cost for both items is \$18,314.10.

Alternatives: The City Council could consider the following alternatives:

- Authorize the City Manager to execute Change Order Number 1;
- Input towards the discussion as desired;
- Deny authorization for the City Manager to execute Change Order Number 1 and send back to staff with direction.

Financial Considerations: Execution of Change Order Number 1 increases the cost of the Project by \$18,314.10 to a total of \$748,200.10. Funding of the project is from the 2007 Certificates of Obligation.

Legal Review: No legal review is necessary for the Change Order.

Supporting Documents:

- Project Location Map;
- Change Order Number 1.

Staff Recommendation: Staff recommends City Council approve authorization for the City Manager to execute Change Order Number 1 to the Standard Form of Agreement for Construction Services by and between the City of Frisco and UtiliTex Construction, LLP in the amount of \$18,314.10 for additional services relating to the construction of SH 121 Sanitary Sewer. Staff will be available during the City Council meeting to answer any questions regarding this matter.